

Huddersfield

Longitude W001 47  
Latitude N53 39

Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2027	1	1	06 13	08 24	12 11	13 43	14 11	15 57	18 08
2027	1	2	06 13	08 24	12 11	13 44	14 12	15 58	18 09
2027	1	3	06 13	08 24	12 12	13 45	14 13	16 00	18 10
2027	1	4	06 13	08 23	12 12	13 46	14 14	16 01	18 11
2027	1	5	06 13	08 23	12 12	13 47	14 15	16 02	18 12
2027	1	6	06 13	08 23	12 13	13 48	14 17	16 03	18 14
2027	1	7	06 12	08 22	12 13	13 49	14 18	16 05	18 15
2027	1	8	06 12	08 22	12 14	13 50	14 19	16 06	18 16
2027	1	9	06 12	08 21	12 14	13 51	14 21	16 08	18 17
2027	1	10	06 11	08 20	12 15	13 52	14 22	16 09	18 18
2027	1	11	06 11	08 20	12 15	13 54	14 24	16 11	18 19
2027	1	12	06 10	08 19	12 15	13 55	14 25	16 12	18 21
2027	1	13	06 10	08 18	12 16	13 56	14 26	16 14	18 22
2027	1	14	06 09	08 17	12 16	13 58	14 28	16 16	18 23
2027	1	15	06 09	08 16	12 16	13 59	14 30	16 17	18 25
2027	1	16	06 08	08 15	12 17	14 00	14 31	16 19	18 26
2027	1	17	06 07	08 14	12 17	14 02	14 33	16 21	18 27
2027	1	18	06 07	08 13	12 17	14 03	14 34	16 22	18 29
2027	1	19	06 06	08 12	12 18	14 05	14 36	16 24	18 30
2027	1	20	06 05	08 11	12 18	14 06	14 38	16 26	18 32
2027	1	21	06 04	08 10	12 18	14 07	14 39	16 28	18 33
2027	1	22	06 03	08 08	12 19	14 09	14 41	16 30	18 35
2027	1	23	06 02	08 07	12 19	14 10	14 43	16 31	18 36
2027	1	24	06 01	08 06	12 19	14 12	14 45	16 33	18 38
2027	1	25	06 00	08 04	12 19	14 13	14 46	16 35	18 39
2027	1	26	05 59	08 03	12 20	14 15	14 48	16 37	18 41
2027	1	27	05 58	08 01	12 20	14 16	14 50	16 39	18 42
2027	1	28	05 57	08 00	12 20	14 18	14 52	16 41	18 44
2027	1	29	05 56	07 58	12 20	14 20	14 54	16 43	18 46
2027	1	30	05 54	07 57	12 20	14 21	14 55	16 45	18 47
2027	1	31	05 53	07 55	12 21	14 23	14 57	16 47	18 49
2027	2	1	05 52	07 53	12 21	14 24	14 59	16 49	18 50
2027	2	2	05 50	07 52	12 21	14 26	15 01	16 51	18 52
2027	2	3	05 49	07 50	12 21	14 27	15 03	16 53	18 54
2027	2	4	05 47	07 48	12 21	14 29	15 05	16 55	18 56
2027	2	5	05 46	07 46	12 21	14 30	15 06	16 57	18 57
2027	2	6	05 44	07 44	12 21	14 32	15 08	16 59	18 59
2027	2	7	05 43	07 43	12 21	14 33	15 10	17 01	19 01
2027	2	8	05 41	07 41	12 21	14 35	15 12	17 03	19 02
2027	2	9	05 39	07 39	12 21	14 37	15 14	17 05	19 04
2027	2	10	05 38	07 37	12 21	14 38	15 16	17 07	19 06
2027	2	11	05 36	07 35	12 21	14 40	15 18	17 09	19 08
2027	2	12	05 34	07 33	12 21	14 41	15 19	17 11	19 09
2027	2	13	05 32	07 31	12 21	14 43	15 21	17 13	19 11
2027	2	14	05 31	07 29	12 21	14 44	15 23	17 15	19 13
2027	2	15	05 29	07 27	12 21	14 46	15 25	17 17	19 15
2027	2	16	05 27	07 25	12 21	14 47	15 27	17 19	19 17
2027	2	17	05 25	07 22	12 21	14 49	15 29	17 21	19 18
2027	2	18	05 23	07 20	12 21	14 50	15 30	17 23	19 20
2027	2	19	05 21	07 18	12 21	14 52	15 32	17 25	19 22
2027	2	20	05 19	07 16	12 21	14 53	15 34	17 27	19 24
2027	2	21	05 17	07 14	12 21	14 55	15 36	17 29	19 26
2027	2	22	05 15	07 12	12 21	14 56	15 37	17 30	19 28
2027	2	23	05 13	07 09	12 20	14 58	15 39	17 32	19 29

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 Transit = Time of Meridian passage of Sun

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Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2027	2	24	05 11	07 07	12 20	14 59	15 41	17 34	19 31
2027	2	25	05 08	07 05	12 20	15 00	15 43	17 36	19 33
2027	2	26	05 06	07 03	12 20	15 02	15 44	17 38	19 35
2027	2	27	05 04	07 00	12 20	15 03	15 46	17 40	19 37
2027	2	28	05 02	06 58	12 20	15 05	15 48	17 42	19 39
2027	3	1	04 59	06 56	12 19	15 06	15 50	17 44	19 41
2027	3	2	04 57	06 54	12 19	15 07	15 51	17 46	19 43
2027	3	3	04 55	06 51	12 19	15 09	15 53	17 48	19 45
2027	3	4	04 52	06 49	12 19	15 10	15 55	17 50	19 47
2027	3	5	04 50	06 46	12 19	15 12	15 56	17 52	19 49
2027	3	6	04 47	06 44	12 18	15 13	15 58	17 54	19 51
2027	3	7	04 45	06 42	12 18	15 14	16 00	17 56	19 53
2027	3	8	04 43	06 39	12 18	15 15	16 01	17 58	19 55
2027	3	9	04 40	06 37	12 18	15 17	16 03	17 59	19 57
2027	3	10	04 37	06 35	12 17	15 18	16 04	18 01	19 59
2027	3	11	04 35	06 32	12 17	15 19	16 06	18 03	20 01
2027	3	12	04 32	06 30	12 17	15 21	16 08	18 05	20 03
2027	3	13	04 30	06 27	12 17	15 22	16 09	18 07	20 05
2027	3	14	04 27	06 25	12 16	15 23	16 11	18 09	20 07
2027	3	15	04 24	06 23	12 16	15 24	16 12	18 11	20 09
2027	3	16	04 22	06 20	12 16	15 25	16 14	18 13	20 12
2027	3	17	04 19	06 18	12 16	15 27	16 15	18 14	20 14
2027	3	18	04 16	06 15	12 15	15 28	16 17	18 16	20 16
2027	3	19	04 14	06 13	12 15	15 29	16 18	18 18	20 18
2027	3	20	04 11	06 10	12 15	15 30	16 20	18 20	20 20
2027	3	21	04 08	06 08	12 14	15 31	16 21	18 22	20 22
2027	3	22	04 05	06 06	12 14	15 32	16 23	18 24	20 25
2027	3	23	04 02	06 03	12 14	15 33	16 24	18 26	20 27
2027	3	24	03 59	06 01	12 13	15 34	16 25	18 27	20 29
2027	3	25	03 57	05 58	12 13	15 36	16 27	18 29	20 32
2027	3	26	03 54	05 56	12 13	15 37	16 28	18 31	20 34
2027	3	27	03 51	05 53	12 13	15 38	16 30	18 33	20 36
2027	3	28	04 48	06 51	13 12	16 39	17 31	19 35	21 39
2027	3	29	04 45	06 48	13 12	16 40	17 33	19 37	21 41
2027	3	30	04 42	06 46	13 12	16 41	17 34	19 38	21 44
2027	3	31	04 39	06 44	13 11	16 42	17 35	19 40	21 46
2027	4	1	04 36	06 41	13 11	16 43	17 37	19 42	21 49
2027	4	2	04 32	06 39	13 11	16 44	17 38	19 44	21 51
2027	4	3	04 29	06 36	13 10	16 45	17 39	19 46	21 54
2027	4	4	04 26	06 34	13 10	16 46	17 41	19 48	21 56
2027	4	5	04 23	06 31	13 10	16 47	17 42	19 50	21 59
2027	4	6	04 20	06 29	13 10	16 48	17 43	19 51	22 02
2027	4	7	04 17	06 27	13 09	16 49	17 45	19 53	22 04
2027	4	8	04 13	06 24	13 09	16 50	17 46	19 55	22 07
2027	4	9	04 10	06 22	13 09	16 51	17 47	19 57	22 10
2027	4	10	04 07	06 20	13 09	16 52	17 49	19 59	22 13
2027	4	11	04 03	06 17	13 08	16 53	17 50	20 01	22 16
2027	4	12	04 00	06 15	13 08	16 53	17 51	20 02	22 19
2027	4	13	03 56	06 12	13 08	16 54	17 52	20 04	22 21
2027	4	14	03 53	06 10	13 07	16 55	17 54	20 06	22 24
2027	4	15	03 50	06 08	13 07	16 56	17 55	20 08	22 28
2027	4	16	03 46	06 05	13 07	16 57	17 56	20 10	22 31
2027	4	17	03 42	06 03	13 07	16 58	17 57	20 12	22 34
2027	4	18	03 39	06 01	13 07	16 59	17 59	20 13	22 37

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Civil Date	Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year mth d	h m	h m	h m	h m	h m	h m	h m
2027 4 19	03 35	05 59	13 06	17 00	18 00	20 15	22 40
2027 4 20	03 31	05 56	13 06	17 00	18 01	20 17	22 44
2027 4 21	03 28	05 54	13 06	17 01	18 02	20 19	22 47
2027 4 22	03 24	05 52	13 06	17 02	18 03	20 21	22 51
2027 4 23	03 20	05 50	13 06	17 03	18 04	20 23	22 54
2027 4 24	03 16	05 47	13 05	17 04	18 06	20 24	22 58
2027 4 25	03 12	05 45	13 05	17 04	18 07	20 26	23 02
2027 4 26	03 08	05 43	13 05	17 05	18 08	20 28	23 05
2027 4 27	03 04	05 41	13 05	17 06	18 09	20 30	23 09
2027 4 28	03 00	05 39	13 05	17 07	18 10	20 32	23 13
2027 4 29	02 55	05 37	13 05	17 08	18 11	20 34	23 18
2027 4 30	02 51	05 35	13 04	17 08	18 13	20 35	23 22
2027 5 1	02 46	05 33	13 04	17 09	18 14	20 37	23 26
2027 5 2	02 41	05 31	13 04	17 10	18 15	20 39	23 31
2027 5 3	02 37	05 29	13 04	17 11	18 16	20 41	23 36
2027 5 4	02 32	05 27	13 04	17 11	18 17	20 43	23 41
2027 5 5	02 26	05 25	13 04	17 12	18 18	20 44	23 46
2027 5 6	02 21	05 23	13 04	17 13	18 19	20 46	23 52
2027 5 7	02 15	05 21	13 04	17 14	18 20	20 48	23 58
2027 5 8	02 09	05 19	13 04	17 14	18 21	20 50	24 05
2027 5 9	02 02	05 17	13 04	17 15	18 22	20 51	24 12
2027 5 10	01 54	05 15	13 04	17 16	18 23	20 53	24 21
2027 5 11	01 46	05 13	13 04	17 16	18 24	20 55	24 32
2027 5 12	01 35	05 12	13 04	17 17	18 25	20 57	24 48
2027 5 13	01 18	05 10	13 04	17 18	18 26	20 58	** **
2027 5 14	** **	05 08	13 04	17 18	18 27	21 00	** **
2027 5 15	** **	05 07	13 04	17 19	18 28	21 02	** **
2027 5 16	** **	05 05	13 04	17 20	18 29	21 03	** **
2027 5 17	** **	05 03	13 04	17 20	18 30	21 05	** **
2027 5 18	** **	05 02	13 04	17 21	18 31	21 06	** **
2027 5 19	** **	05 00	13 04	17 22	18 32	21 08	** **
2027 5 20	** **	04 59	13 04	17 22	18 33	21 10	** **
2027 5 21	** **	04 57	13 04	17 23	18 34	21 11	** **
2027 5 22	** **	04 56	13 04	17 23	18 35	21 13	** **
2027 5 23	** **	04 54	13 04	17 24	18 36	21 14	** **
2027 5 24	** **	04 53	13 04	17 25	18 36	21 16	** **
2027 5 25	** **	04 52	13 04	17 25	18 37	21 17	** **
2027 5 26	** **	04 51	13 04	17 26	18 38	21 19	** **
2027 5 27	** **	04 49	13 04	17 26	18 39	21 20	** **
2027 5 28	** **	04 48	13 04	17 27	18 40	21 21	** **
2027 5 29	** **	04 47	13 05	17 27	18 40	21 23	** **
2027 5 30	** **	04 46	13 05	17 28	18 41	21 24	** **
2027 5 31	** **	04 45	13 05	17 29	18 42	21 25	** **
2027 6 1	** **	04 44	13 05	17 29	18 43	21 26	** **
2027 6 2	** **	04 43	13 05	17 30	18 43	21 28	** **
2027 6 3	** **	04 43	13 05	17 30	18 44	21 29	** **
2027 6 4	** **	04 42	13 05	17 31	18 45	21 30	** **
2027 6 5	** **	04 41	13 06	17 31	18 45	21 31	** **
2027 6 6	** **	04 40	13 06	17 31	18 46	21 32	** **
2027 6 7	** **	04 40	13 06	17 32	18 46	21 33	** **
2027 6 8	** **	04 39	13 06	17 32	18 47	21 34	** **
2027 6 9	** **	04 39	13 06	17 33	18 48	21 35	** **
2027 6 10	** **	04 38	13 07	17 33	18 48	21 35	** **
2027 6 11	** **	04 38	13 07	17 33	18 49	21 36	** **

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Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2027	6	12	** **	04 37	13 07	17 34	18 49	21 37	** **
2027	6	13	** **	04 37	13 07	17 34	18 49	21 38	** **
2027	6	14	** **	04 37	13 07	17 35	18 50	21 38	** **
2027	6	15	** **	04 37	13 08	17 35	18 50	21 39	** **
2027	6	16	** **	04 37	13 08	17 35	18 51	21 39	** **
2027	6	17	** **	04 36	13 08	17 35	18 51	21 40	** **
2027	6	18	** **	04 36	13 08	17 36	18 51	21 40	** **
2027	6	19	** **	04 37	13 08	17 36	18 52	21 41	** **
2027	6	20	** **	04 37	13 09	17 36	18 52	21 41	** **
2027	6	21	** **	04 37	13 09	17 36	18 52	21 41	** **
2027	6	22	** **	04 37	13 09	17 37	18 52	21 41	** **
2027	6	23	** **	04 37	13 09	17 37	18 52	21 41	** **
2027	6	24	** **	04 38	13 10	17 37	18 53	21 41	** **
2027	6	25	** **	04 38	13 10	17 37	18 53	21 41	** **
2027	6	26	** **	04 38	13 10	17 37	18 53	21 41	** **
2027	6	27	** **	04 39	13 10	17 37	18 53	21 41	** **
2027	6	28	** **	04 39	13 10	17 37	18 53	21 41	** **
2027	6	29	** **	04 40	13 11	17 38	18 53	21 41	** **
2027	6	30	** **	04 41	13 11	17 38	18 53	21 41	** **
2027	7	1	** **	04 41	13 11	17 38	18 53	21 40	** **
2027	7	2	** **	04 42	13 11	17 38	18 53	21 40	** **
2027	7	3	** **	04 43	13 11	17 38	18 52	21 39	** **
2027	7	4	** **	04 44	13 12	17 38	18 52	21 39	** **
2027	7	5	** **	04 45	13 12	17 37	18 52	21 38	** **
2027	7	6	** **	04 46	13 12	17 37	18 52	21 38	** **
2027	7	7	** **	04 47	13 12	17 37	18 52	21 37	** **
2027	7	8	** **	04 48	13 12	17 37	18 51	21 36	** **
2027	7	9	** **	04 49	13 12	17 37	18 51	21 35	** **
2027	7	10	** **	04 50	13 13	17 37	18 50	21 34	** **
2027	7	11	** **	04 51	13 13	17 37	18 50	21 34	** **
2027	7	12	** **	04 52	13 13	17 36	18 50	21 33	** **
2027	7	13	** **	04 53	13 13	17 36	18 49	21 32	** **
2027	7	14	** **	04 55	13 13	17 36	18 49	21 31	** **
2027	7	15	** **	04 56	13 13	17 35	18 48	21 29	** **
2027	7	16	** **	04 57	13 13	17 35	18 48	21 28	** **
2027	7	17	** **	04 59	13 13	17 35	18 47	21 27	** **
2027	7	18	** **	05 00	13 13	17 34	18 46	21 26	** **
2027	7	19	** **	05 01	13 13	17 34	18 46	21 25	** **
2027	7	20	** **	05 03	13 14	17 33	18 45	21 23	** **
2027	7	21	** **	05 04	13 14	17 33	18 44	21 22	** **
2027	7	22	** **	05 06	13 14	17 33	18 43	21 21	** **
2027	7	23	** **	05 07	13 14	17 32	18 43	21 19	** **
2027	7	24	** **	05 09	13 14	17 31	18 42	21 18	** **
2027	7	25	** **	05 10	13 14	17 31	18 41	21 16	** **
2027	7	26	** **	05 12	13 14	17 30	18 40	21 14	** **
2027	7	27	** **	05 13	13 14	17 30	18 39	21 13	** **
2027	7	28	** **	05 15	13 14	17 29	18 38	21 11	** **
2027	7	29	** **	05 17	13 14	17 28	18 37	21 10	** **
2027	7	30	** **	05 18	13 14	17 28	18 36	21 08	** **
2027	7	31	** **	05 20	13 14	17 27	18 35	21 06	24 47
2027	8	1	01 41	05 22	13 14	17 26	18 34	21 04	24 35
2027	8	2	01 52	05 23	13 13	17 25	18 33	21 03	24 26
2027	8	3	02 02	05 25	13 13	17 25	18 32	21 01	24 18
2027	8	4	02 09	05 27	13 13	17 24	18 31	20 59	24 11

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Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2027	8	5	02 16	05 28	13 13	17 23	18 29	20 57	24 05
2027	8	6	02 22	05 30	13 13	17 22	18 28	20 55	23 59
2027	8	7	02 28	05 32	13 13	17 21	18 27	20 53	23 53
2027	8	8	02 33	05 33	13 13	17 20	18 26	20 51	23 48
2027	8	9	02 39	05 35	13 13	17 19	18 24	20 49	23 42
2027	8	10	02 43	05 37	13 13	17 18	18 23	20 47	23 38
2027	8	11	02 48	05 39	13 12	17 17	18 22	20 45	23 33
2027	8	12	02 53	05 40	13 12	17 16	18 20	20 43	23 28
2027	8	13	02 57	05 42	13 12	17 15	18 19	20 41	23 24
2027	8	14	03 01	05 44	13 12	17 14	18 17	20 39	23 19
2027	8	15	03 05	05 46	13 12	17 13	18 16	20 37	23 15
2027	8	16	03 09	05 47	13 11	17 12	18 14	20 34	23 11
2027	8	17	03 13	05 49	13 11	17 10	18 13	20 32	23 07
2027	8	18	03 16	05 51	13 11	17 09	18 11	20 30	23 03
2027	8	19	03 20	05 53	13 11	17 08	18 10	20 28	22 59
2027	8	20	03 24	05 54	13 11	17 07	18 08	20 26	22 55
2027	8	21	03 27	05 56	13 10	17 06	18 07	20 23	22 51
2027	8	22	03 30	05 58	13 10	17 04	18 05	20 21	22 47
2027	8	23	03 34	06 00	13 10	17 03	18 03	20 19	22 43
2027	8	24	03 37	06 01	13 10	17 02	18 02	20 17	22 40
2027	8	25	03 40	06 03	13 09	17 00	18 00	20 14	22 36
2027	8	26	03 43	06 05	13 09	16 59	17 58	20 12	22 32
2027	8	27	03 46	06 07	13 09	16 58	17 57	20 10	22 29
2027	8	28	03 49	06 08	13 08	16 56	17 55	20 07	22 25
2027	8	29	03 52	06 10	13 08	16 55	17 53	20 05	22 22
2027	8	30	03 55	06 12	13 08	16 53	17 51	20 03	22 18
2027	8	31	03 58	06 14	13 08	16 52	17 49	20 00	22 15
2027	9	1	04 01	06 15	13 07	16 50	17 48	19 58	22 11
2027	9	2	04 03	06 17	13 07	16 49	17 46	19 55	22 08
2027	9	3	04 06	06 19	13 07	16 48	17 44	19 53	22 05
2027	9	4	04 09	06 21	13 06	16 46	17 42	19 51	22 01
2027	9	5	04 11	06 22	13 06	16 44	17 40	19 48	21 58
2027	9	6	04 14	06 24	13 06	16 43	17 38	19 46	21 55
2027	9	7	04 17	06 26	13 05	16 41	17 36	19 43	21 52
2027	9	8	04 19	06 28	13 05	16 40	17 34	19 41	21 49
2027	9	9	04 22	06 29	13 05	16 38	17 32	19 38	21 45
2027	9	10	04 24	06 31	13 04	16 36	17 30	19 36	21 42
2027	9	11	04 27	06 33	13 04	16 35	17 28	19 34	21 39
2027	9	12	04 29	06 35	13 04	16 33	17 27	19 31	21 36
2027	9	13	04 31	06 36	13 03	16 32	17 25	19 29	21 33
2027	9	14	04 34	06 38	13 03	16 30	17 22	19 26	21 30
2027	9	15	04 36	06 40	13 02	16 28	17 20	19 24	21 27
2027	9	16	04 38	06 42	13 02	16 26	17 18	19 21	21 24
2027	9	17	04 41	06 43	13 02	16 25	17 16	19 19	21 21
2027	9	18	04 43	06 45	13 01	16 23	17 14	19 16	21 18
2027	9	19	04 45	06 47	13 01	16 21	17 12	19 14	21 15
2027	9	20	04 47	06 49	13 01	16 20	17 10	19 11	21 12
2027	9	21	04 49	06 51	13 00	16 18	17 08	19 09	21 09
2027	9	22	04 52	06 52	13 00	16 16	17 06	19 07	21 07
2027	9	23	04 54	06 54	13 00	16 14	17 04	19 04	21 04
2027	9	24	04 56	06 56	12 59	16 13	17 02	19 02	21 01
2027	9	25	04 58	06 58	12 59	16 11	17 00	18 59	20 58
2027	9	26	05 00	06 59	12 59	16 09	16 58	18 57	20 55
2027	9	27	05 02	07 01	12 58	16 07	16 55	18 54	20 53

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Huddersfield

Longitude W001 47

Latitude N53 39

Civil Date	Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year mth d	h m	h m	h m	h m	h m	h m	h m
2027 9 28	05 04	07 03	12 58	16 05	16 53	18 52	20 50
2027 9 29	05 06	07 05	12 58	16 04	16 51	18 49	20 47
2027 9 30	05 08	07 06	12 57	16 02	16 49	18 47	20 45
2027 10 1	05 10	07 08	12 57	16 00	16 47	18 44	20 42
2027 10 2	05 12	07 10	12 57	15 58	16 45	18 42	20 39
2027 10 3	05 14	07 12	12 56	15 56	16 43	18 40	20 37
2027 10 4	05 16	07 14	12 56	15 55	16 41	18 37	20 34
2027 10 5	05 18	07 15	12 56	15 53	16 38	18 35	20 32
2027 10 6	05 20	07 17	12 55	15 51	16 36	18 32	20 29
2027 10 7	05 22	07 19	12 55	15 49	16 34	18 30	20 27
2027 10 8	05 24	07 21	12 55	15 47	16 32	18 28	20 24
2027 10 9	05 26	07 23	12 54	15 45	16 30	18 25	20 22
2027 10 10	05 28	07 25	12 54	15 44	16 28	18 23	20 19
2027 10 11	05 30	07 26	12 54	15 42	16 26	18 20	20 17
2027 10 12	05 31	07 28	12 54	15 40	16 24	18 18	20 15
2027 10 13	05 33	07 30	12 53	15 38	16 22	18 16	20 12
2027 10 14	05 35	07 32	12 53	15 37	16 19	18 14	20 10
2027 10 15	05 37	07 34	12 53	15 35	16 17	18 11	20 08
2027 10 16	05 39	07 36	12 53	15 33	16 15	18 09	20 05
2027 10 17	05 41	07 38	12 53	15 31	16 13	18 07	20 03
2027 10 18	05 42	07 39	12 52	15 29	16 11	18 04	20 01
2027 10 19	05 44	07 41	12 52	15 28	16 09	18 02	19 59
2027 10 20	05 46	07 43	12 52	15 26	16 07	18 00	19 57
2027 10 21	05 48	07 45	12 52	15 24	16 05	17 58	19 55
2027 10 22	05 50	07 47	12 52	15 23	16 03	17 55	19 53
2027 10 23	05 51	07 49	12 51	15 21	16 01	17 53	19 51
2027 10 24	05 53	07 51	12 51	15 19	15 59	17 51	19 49
2027 10 25	05 55	07 53	12 51	15 18	15 57	17 49	19 47
2027 10 26	05 57	07 55	12 51	15 16	15 55	17 47	19 45
2027 10 27	05 58	07 56	12 51	15 14	15 53	17 45	19 43
2027 10 28	06 00	07 58	12 51	15 13	15 51	17 43	19 41
2027 10 29	06 02	08 00	12 51	15 11	15 49	17 41	19 39
2027 10 30	06 03	08 02	12 51	15 09	15 47	17 39	19 37
2027 10 31	05 05	07 04	11 51	14 08	14 46	16 37	18 35
2027 11 1	05 07	07 06	11 51	14 06	14 44	16 35	18 34
2027 11 2	05 08	07 08	11 51	14 05	14 42	16 33	18 32
2027 11 3	05 10	07 10	11 51	14 03	14 40	16 31	18 30
2027 11 4	05 12	07 12	11 51	14 02	14 38	16 29	18 29
2027 11 5	05 13	07 14	11 51	14 00	14 37	16 27	18 27
2027 11 6	05 15	07 16	11 51	13 59	14 35	16 25	18 26
2027 11 7	05 17	07 18	11 51	13 58	14 33	16 23	18 24
2027 11 8	05 18	07 20	11 51	13 56	14 32	16 21	18 23
2027 11 9	05 20	07 22	11 51	13 55	14 30	16 20	18 21
2027 11 10	05 22	07 23	11 51	13 54	14 28	16 18	18 20
2027 11 11	05 23	07 25	11 51	13 52	14 27	16 16	18 18
2027 11 12	05 25	07 27	11 51	13 51	14 25	16 15	18 17
2027 11 13	05 26	07 29	11 51	13 50	14 24	16 13	18 16
2027 11 14	05 28	07 31	11 52	13 49	14 22	16 11	18 14
2027 11 15	05 29	07 33	11 52	13 47	14 21	16 10	18 13
2027 11 16	05 31	07 35	11 52	13 46	14 20	16 08	18 12
2027 11 17	05 32	07 37	11 52	13 45	14 18	16 07	18 11
2027 11 18	05 34	07 38	11 52	13 44	14 17	16 06	18 10
2027 11 19	05 35	07 40	11 52	13 43	14 16	16 04	18 09
2027 11 20	05 37	07 42	11 53	13 42	14 14	16 03	18 08

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Huddersfield

Longitude W001 47

Latitude N53 39

Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2027	11	21	05 38	07 44	11 53	13 41	14 13	16 02	18 07
2027	11	22	05 40	07 46	11 53	13 40	14 12	16 00	18 06
2027	11	23	05 41	07 47	11 53	13 40	14 11	15 59	18 05
2027	11	24	05 43	07 49	11 54	13 39	14 10	15 58	18 04
2027	11	25	05 44	07 51	11 54	13 38	14 09	15 57	18 04
2027	11	26	05 45	07 52	11 54	13 37	14 08	15 56	18 03
2027	11	27	05 47	07 54	11 55	13 37	14 07	15 55	18 02
2027	11	28	05 48	07 56	11 55	13 36	14 06	15 54	18 02
2027	11	29	05 49	07 57	11 55	13 35	14 06	15 53	18 01
2027	11	30	05 50	07 59	11 56	13 35	14 05	15 52	18 01
2027	12	1	05 52	08 00	11 56	13 34	14 04	15 51	18 00
2027	12	2	05 53	08 02	11 56	13 34	14 03	15 51	18 00
2027	12	3	05 54	08 03	11 57	13 33	14 03	15 50	17 59
2027	12	4	05 55	08 05	11 57	13 33	14 02	15 49	17 59
2027	12	5	05 56	08 06	11 58	13 33	14 02	15 49	17 59
2027	12	6	05 57	08 08	11 58	13 33	14 02	15 48	17 58
2027	12	7	05 58	08 09	11 58	13 32	14 01	15 48	17 58
2027	12	8	06 00	08 10	11 59	13 32	14 01	15 48	17 58
2027	12	9	06 01	08 11	11 59	13 32	14 01	15 47	17 58
2027	12	10	06 01	08 12	12 00	13 32	14 00	15 47	17 58
2027	12	11	06 02	08 14	12 00	13 32	14 00	15 47	17 58
2027	12	12	06 03	08 15	12 01	13 32	14 00	15 47	17 58
2027	12	13	06 04	08 16	12 01	13 32	14 00	15 47	17 58
2027	12	14	06 05	08 17	12 02	13 32	14 00	15 47	17 58
2027	12	15	06 06	08 18	12 02	13 32	14 00	15 47	17 58
2027	12	16	06 07	08 18	12 03	13 33	14 00	15 47	17 59
2027	12	17	06 07	08 19	12 03	13 33	14 01	15 47	17 59
2027	12	18	06 08	08 20	12 04	13 33	14 01	15 47	17 59
2027	12	19	06 09	08 21	12 04	13 34	14 01	15 47	18 00
2027	12	20	06 09	08 21	12 05	13 34	14 02	15 48	18 00
2027	12	21	06 10	08 22	12 05	13 34	14 02	15 48	18 00
2027	12	22	06 10	08 22	12 06	13 35	14 03	15 49	18 01
2027	12	23	06 11	08 23	12 06	13 36	14 03	15 49	18 01
2027	12	24	06 11	08 23	12 07	13 36	14 04	15 50	18 02
2027	12	25	06 12	08 24	12 07	13 37	14 04	15 51	18 03
2027	12	26	06 12	08 24	12 08	13 37	14 05	15 51	18 03
2027	12	27	06 12	08 24	12 08	13 38	14 06	15 52	18 04
2027	12	28	06 12	08 24	12 09	13 39	14 07	15 53	18 05
2027	12	29	06 13	08 24	12 09	13 40	14 08	15 54	18 06
2027	12	30	06 13	08 24	12 10	13 41	14 09	15 55	18 06
2027	12	31	06 13	08 24	12 10	13 41	14 09	15 56	18 07

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